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Serial No.: 10/579,760
Docket No.: SH-0053PCTUS

(RYU.023)

AMENDMENTS TO THE CLAIMS

Please amend claims 4, 7-10, and 19 as follows:

1. (Previously Presented) A method of manufacturing an optical fiber base material employing an outside vapor deposition process, in which a burner is relatively reciprocated against and along an initial material to deposit glass fine particles on said initial material to produce said optical fiber base material, said method comprising:
relatively reciprocating said burner and said initial material; and
stopping said relative reciprocation in a predetermined period only at turning positions of said relative reciprocation.
2. (Previously Presented) The method of manufacturing the optical fiber base material according to claim 1, wherein the predetermined period is no less than 3 seconds and no more than 60 seconds.
3. (Previously Presented) The method of manufacturing the optical fiber base material according to claim 1, wherein, in the predetermined period during the relative reciprocation, combustion gas is decreased.
4. (Currently Amended) The method of manufacturing the optical fiber base material according to claim 1, wherein, in the predetermined period during the relative reciprocation, an amount of material gas is increased.
5. (Previously Presented) The method of manufacturing the optical fiber base material according to claim 1, wherein one of a deposition period, a deposition weight, and an amount of relative reciprocation is primarily set as a condition, and
wherein the predetermined period during the relative reciprocation is changed continuously depending on said condition.
6. (Previously Presented) The method of manufacturing the optical fiber base material according to claim 1, wherein one of a deposition period, a deposition weight, and an amount of relative reciprocation is primarily set as a condition, and

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wherein the predetermined period during the relative reciprocation is changed step-by-step depending on said condition.

7. (Currently Amended) The method of manufacturing the optical fiber base material according to claim 5, wherein, if a diameter of said optical fiber base material increases, [[a]] said predetermined period in which said relative reciprocation burner stops is extended.
8. (Currently Amended) The method of manufacturing the optical fiber base material according to claim 7, wherein, if said deposition period increases, said predetermined period in which said burner relative reciprocation stops is extended.
9. (Currently Amended) The method of manufacturing the optical fiber base material according to claim 7, wherein, if said deposition weight increases, said predetermined period in which said burner relative reciprocation stops is extended.
10. (Currently Amended) The method of manufacturing the optical fiber base material according to claim 7, wherein, if the amount of relative reciprocation increases, said predetermined period in which said relative reciprocation burner stops is extended.
11. (Previously Presented) An optical fiber base material which is manufactured according to the method of claim 1.
12. (Previously Presented) The method of manufacturing the optical fiber base material according to claim 2, wherein, in the predetermined period during the relative reciprocation, combustion gas is decreased.
13. (Previously Presented) The method of manufacturing the optical fiber base material according to claim 2, wherein, in the predetermined period during the relative reciprocation, an amount of material gas is increased.

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14. (Previously Presented) The method of manufacturing the optical fiber base material according to claim 3, wherein, in the predetermined period during the relative reciprocation, an amount of material gas is increased.

15. (Previously Presented) The method of manufacturing the optical fiber base material according to claim 2, wherein one of a deposition period, a deposition weight, and an amount of relative reciprocation is primarily set as a condition, and
wherein the predetermined period during the relative reciprocation is changed continuously depending on said condition.

16. (Previously Presented) The method of manufacturing the optical fiber base material according to claim 3, wherein one of a deposition period, a deposition weight, and an amount of relative reciprocation is primarily set as a condition, and
wherein the predetermined period during the relative reciprocation is changed continuously depending on said condition.

17. (Previously Presented) The method of manufacturing the optical fiber base material according to claim 2, wherein one of a deposition period, a deposition weight, and an amount of relative reciprocation is primarily set as a condition, and
wherein the predetermined period during the relative reciprocation is changed step-by-step depending on said condition.

18. (Previously Presented) The method of manufacturing the optical fiber base material according to claim 3, wherein one of a deposition period, a deposition weight, and an amount of relative reciprocation is primarily set as a condition, and
wherein the predetermined period during the relative reciprocation is changed step-by-step depending on said condition.

19. (Currently Amended) The method of manufacturing the optical fiber base material according to claim 6, wherein, if a diameter of said optical fiber base material increases, [[a]] said predetermined period in which said relative reciprocation burner stops is extended.

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20. (Previously Presented) An optical fiber base material which is manufactured according to the method of claim 2.